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|  | *Fairfield Ludlowe High School - Fairfield Warde High School* **CRIME SCENE FORENSICS**  |
| Ms. K. Smigala | Room 349 |
| Period 5 Labs Tuesday Period 8  | Fall 2014 |
| ksmigala@fairfieldschools.org  |
| COURSE DESCRIPTION |
|  Crime Scene Forensics, which is a laboratory-based course, will promote and cultivate the development of student’s scientific inquiry and scientific method skills, which are important critical thinking skills. Crime Scene Forensics applies concepts and skills acquired in grades nine and ten to look at the criminal justice area. This course focuses on problem solving, with an emphasis on writing, using experimentation and evidence based conclusions. Students will write reports that record their results, conclusions and analyses of case studies and investigations. Students will participate in hands-on laboratory exercises that require lengthy laboratory procedures with many recently developed techniques for analyzing evidence, crime scenes, fingerprints, death and decomposition, blood/body fluids, trace evidence and forensic anthropology. The course is laboratory driven and requires students to use advanced tools and equipment in addition to excellent observation skills. |
| COURSE OBJECTIVES |
| Students will understand that:* scientific inquiry progresses through a continuous process of questioning, data collection, analysis and interpretation.
* scientific numeracy includes the ability to use mathematical operations and procedures to calculate, analyze and present scientific data and understanding.
* due to its unique chemical structure, carbon forms many organic and inorganic compounds.
* chemical technologies present both risks and benefits to the health and well-being of humans, plants and animals.
* organisms have a variety of mechanisms to combat disease.
* fundamental life processes depend on the physical structure and the chemical activities of the cell.
* newton's laws predict the motion of most objects
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| UNITS OF STUDY |
| * Introduction to Forensics
* Evidence
* Trace Evidence
* Crime Scene
* Human Prints
* Blood
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| COURSE POLICIES AND REQUIREMENTS |
|  GRADING |
|  | Summative Assessments: | 80%Tests, Quizzes, most Labs, Projects |
|  | Formative Assessments: | 20%Homework, Classwork, some Labs |
|  | Behavioral Characteristics: | 0%  |
|  | Late work including homework and lab reports will no longer be accepted once other students' papers have been returned to them. Projects will be given a due date; they will not be accepted after this date.  |
|  MATERIALS |
|  | \*Forensic Science for High School 2nd Edition by Barbara Deslich and John Funkhouser\*3 ring binder strongly suggested\*Pencil/pen\*Paper |
|  EXPECTATIONS OF STUDENTS |
|  | \*When you are absent, YOU are responsible for all missed work and labs. You are responsible for obtaining missed notes, class work, and homework. Missed handouts and assignments will be placed in a crate on the side of the classroom for you to pick up when you return to class. You are also responsible for making up missed lab work. (Please note that experiments must be made up in a timely manner since many of the chemicals cannot be maintained indefinitely.) Sign up to make up the assignment in the extra help book.\*If you are absent for 1 day and a test or a quiz was given on that day, be prepared to take your evaluation the next day either during a free period/lunch or during class.\*If you know in advance that you will be absent from class, especially on test and lab days, you need to notify your teachers and make arrangements to make up the work. |
|  EXTRA HELP |
|  | Ms. Smigala is available before, during and after school. Schedule an appointment in the extra help book. |
| Anticipated Field Trips/Guest Speakers: Trip to the Fairfield Police Department, presentations by FLHS school resource officer and security guard. |